

The diagram illustrates a control system for a vehicle, indicated by the reference numeral 1. A horizontal line at the top represents the vehicle chassis, with a reference numeral 2 pointing to it. A vertical dashed line represents the steering axis. To the left of this axis is a box labeled 3, representing the driver's input. An arrow labeled Scr points from box 3 to a central box labeled 10. Box 10 contains several numbered ports: 11 at the top left, 13 at the top center, 12 at the top right, 16 at the bottom left, and 15 at the bottom right. To the right of the steering axis is a vertical rectangle labeled 4, representing the steering rack and pinion. An arrow labeled Scl points from port 13 to box 4. An arrow labeled Sd points from port 12 to box 4. A diamond symbol labeled 5 is located on the line between port 12 and box 4. An arrow labeled SR points from box 4 to the right. Below box 10 is another box labeled 20. Port 16 of box 10 is connected to port 21 of box 20 by a downward arrow. Port 15 of box 10 is connected to port 22 of box 20 by an upward arrow. To the left of box 10 is a box labeled 19, connected to port 11 of box 10. To the left of box 20 is a box labeled 25, connected to port 21 of box 20. A reference numeral 17 points to the right side of box 10.

FIG. 1

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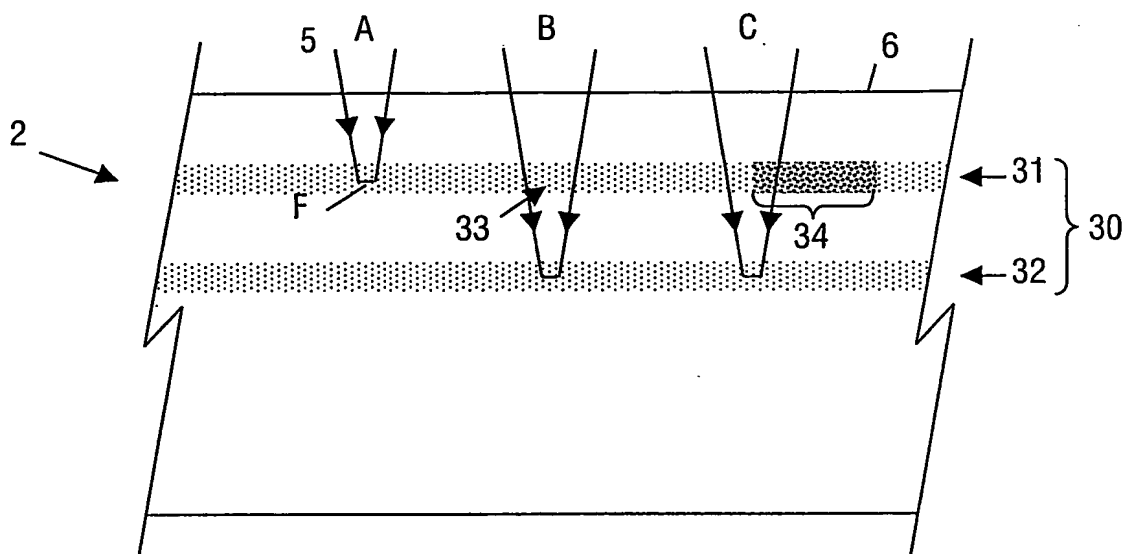


FIG. 2A

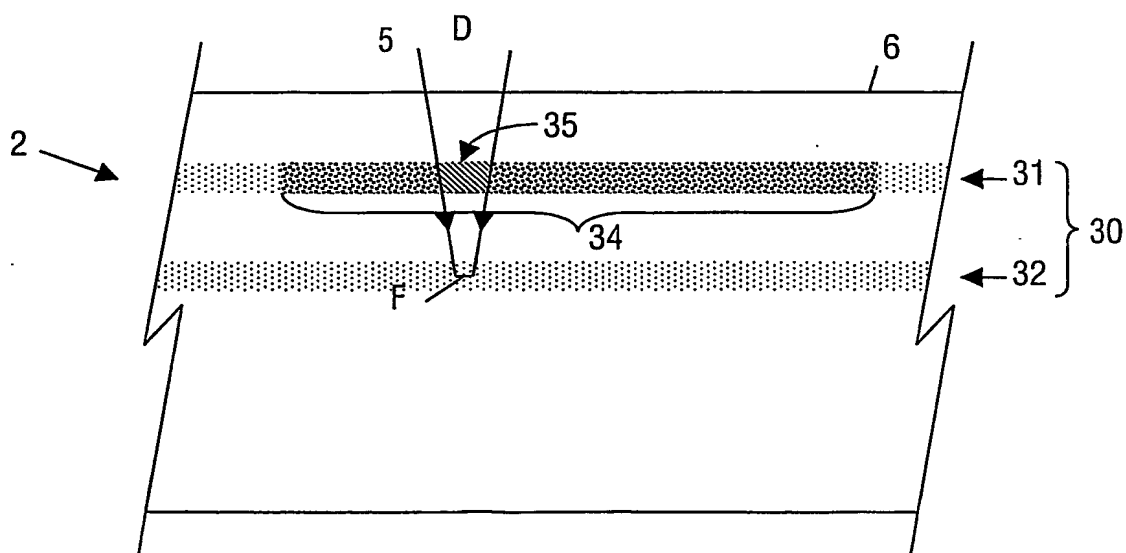


FIG. 2B

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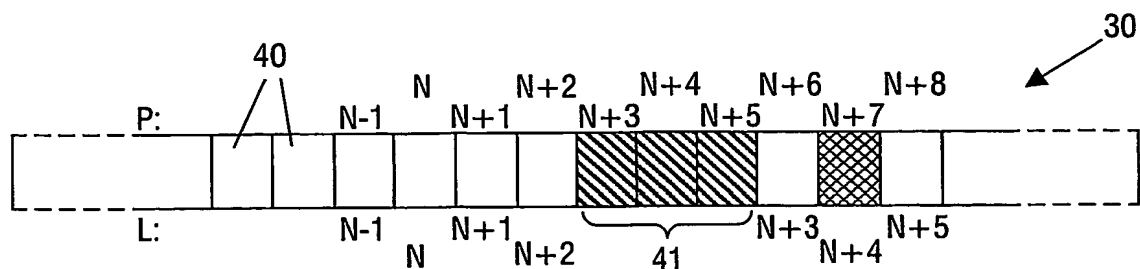


FIG.3A

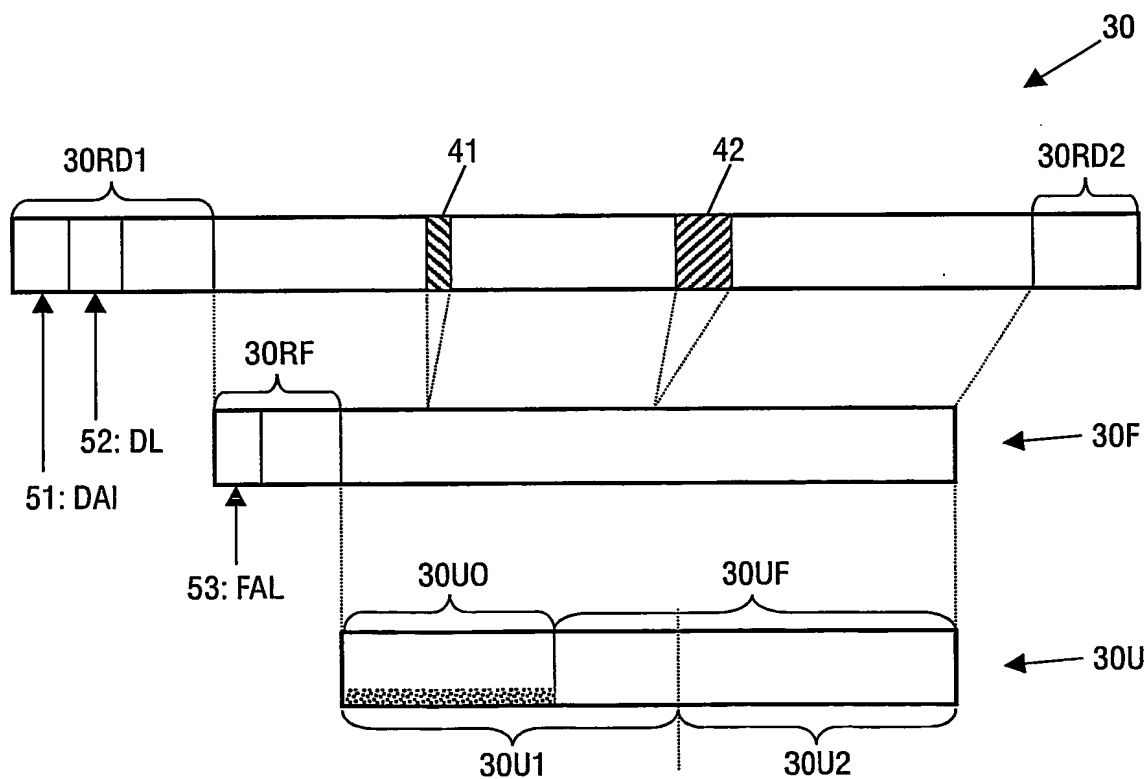


FIG.3B

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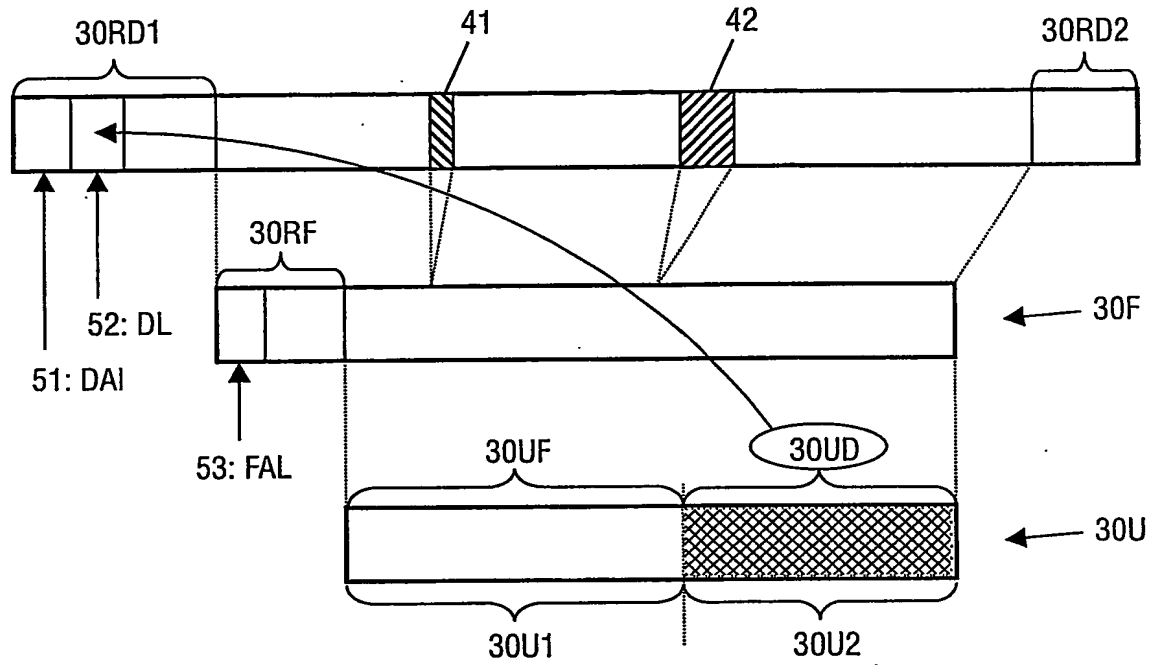


FIG. 4A

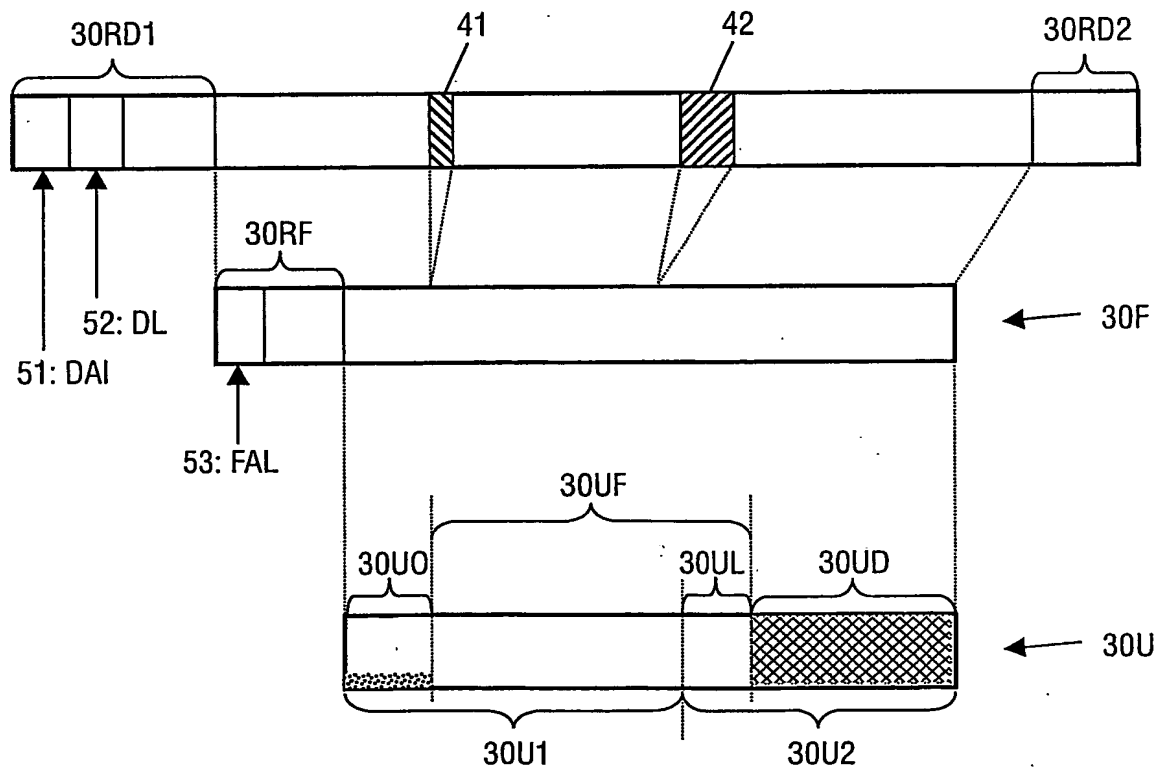


FIG. 4B

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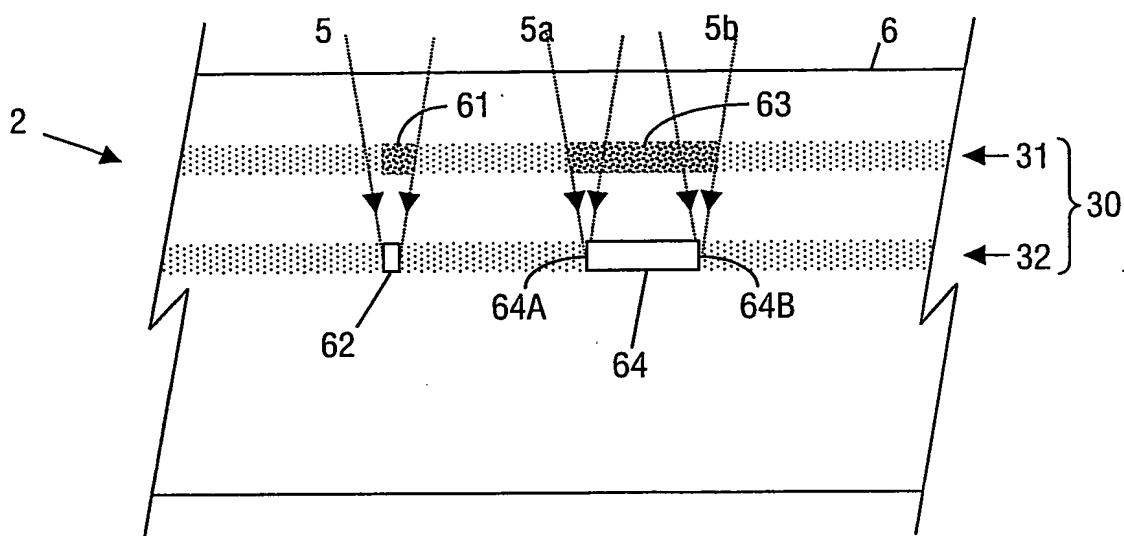


FIG. 4C

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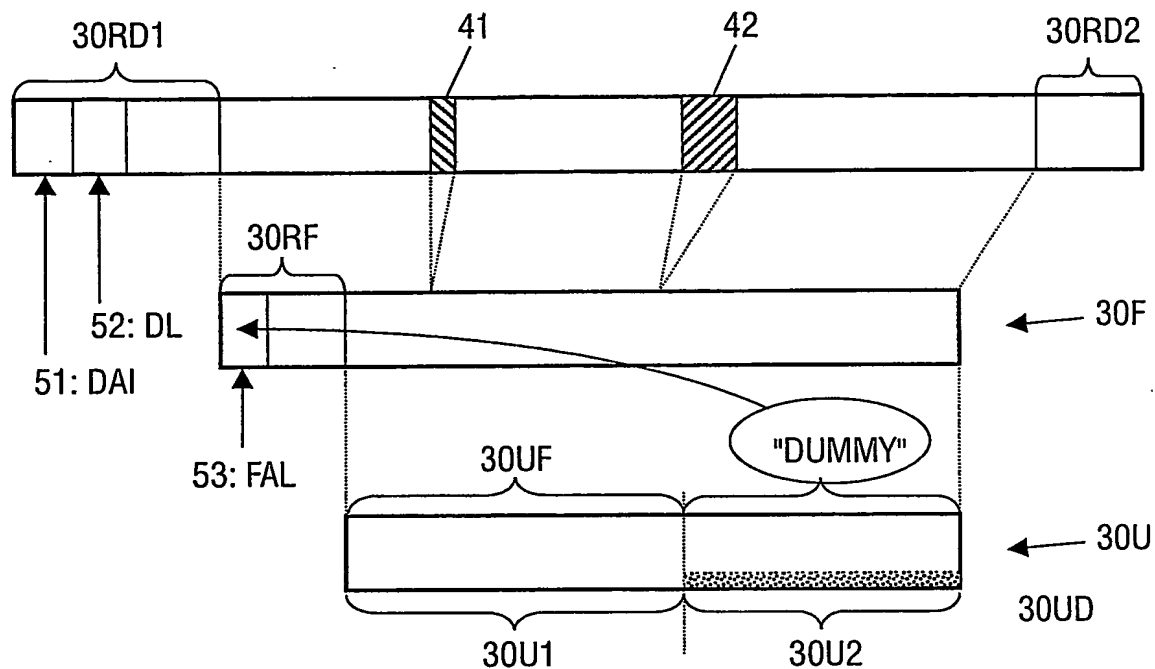


FIG. 5A

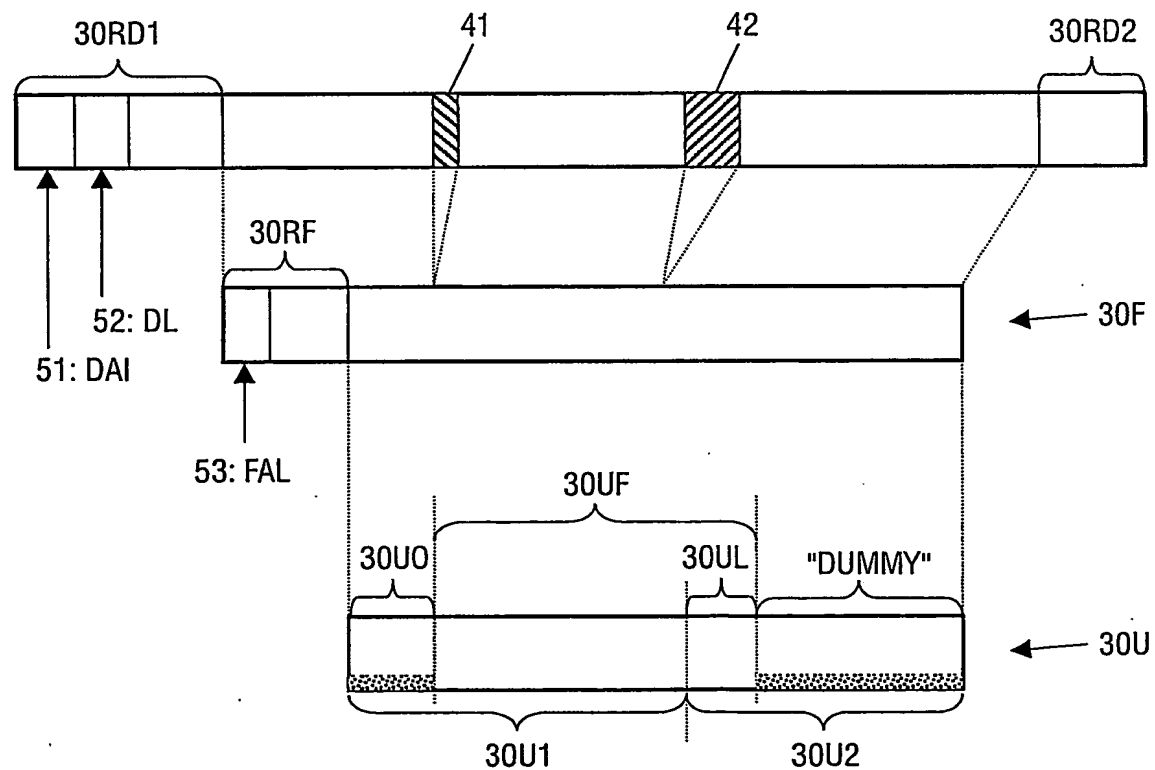


FIG. 5B

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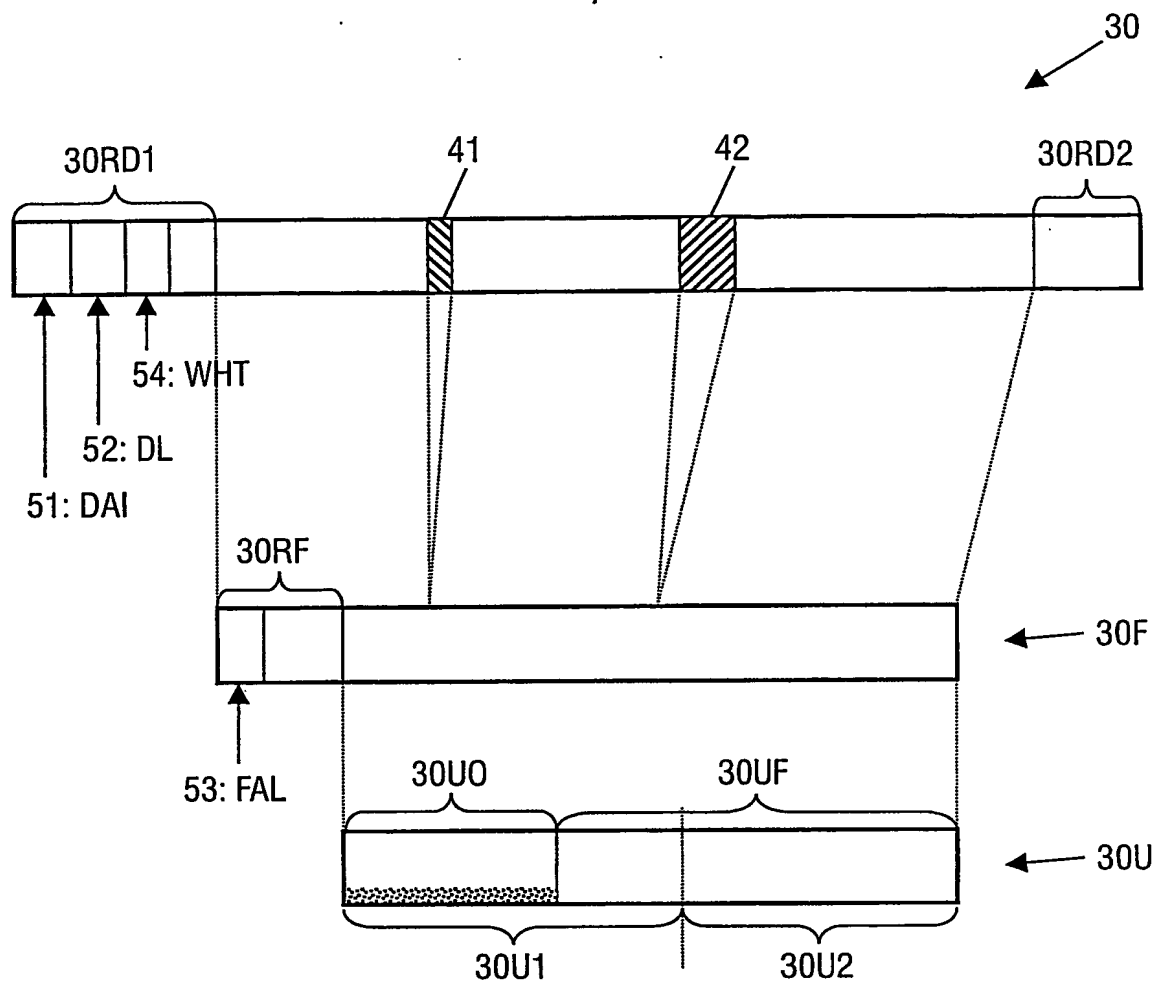


FIG.6